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NPIC/R-172/65

May 1965

PHOTOGRAPHIC INTERPRETATION REPORT

HU-LU TAO HARBOR AND PORT COMPLEX CHINA



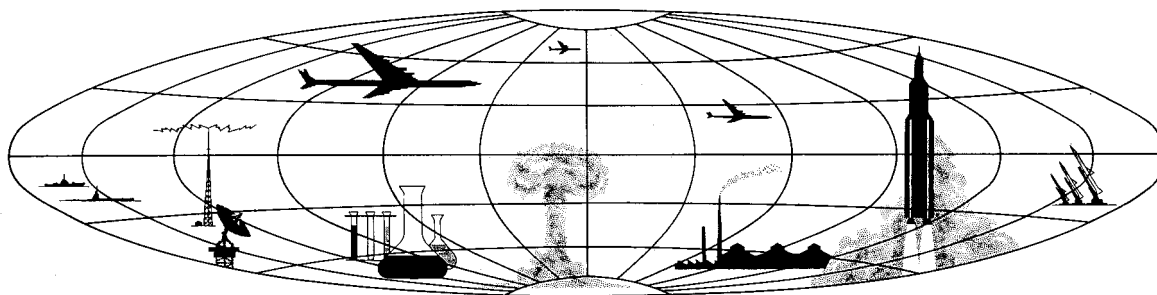
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HU-LU TAO HARBOR AND PORT COMPLEX, CHINA

INTRODUCTION

This report is one of a series describing Chinese Communist shipyards and ports as observed on aerial photography.

The Hu-lu Tao Harbor and Port Complex is located 7.5 nautical miles southeast of Lien-shan (Chin-hsi) on the southern coast of a peninsula extending into the Gulf of Liao-tung at 40-42N 120-59E (Figure 1).

Facilities (Figure 2) consist of a graving dock (under construction), 2 moles, a pier, a POL pier, a marine railway and numerous support buildings. The area is rail served.

DESCRIPTION

following changes in the harbor and port area: construction has been started on a graving dock, a small section of land was reclaimed and a probable steam plant and storage/support buildings were constructed on this land, the northern mole (Item 4, Figure 2) has been eroded away in some sections. The bomb damage of 1949 has not yet been repaired in some areas.

The only change in facilities

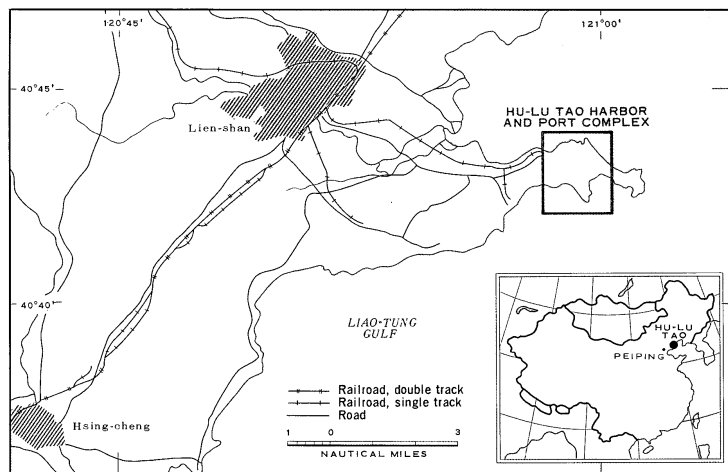
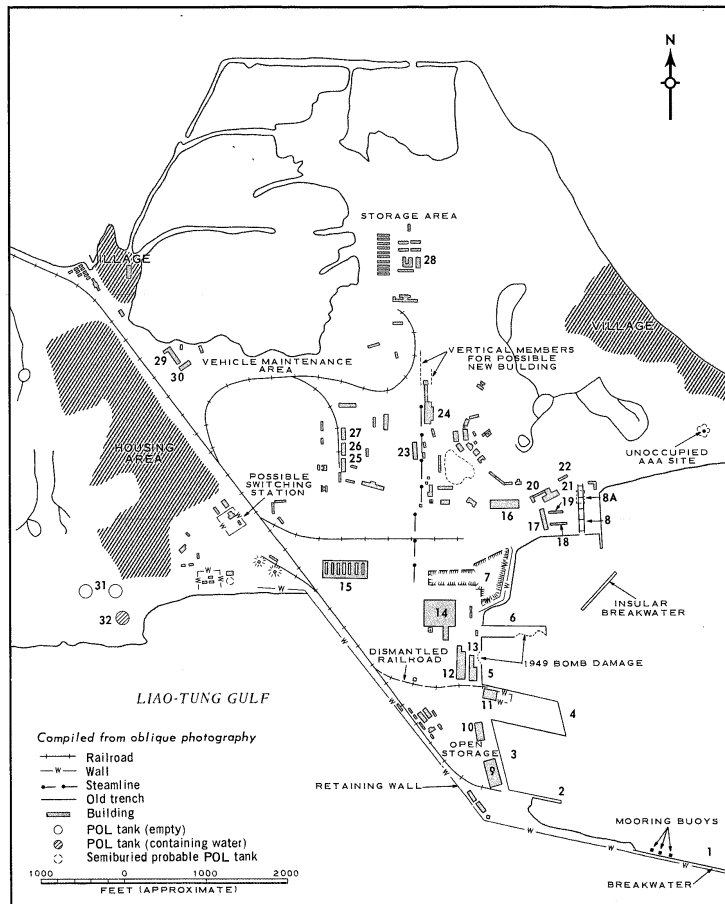


FIGURE 1. LOCATION OF HU-LU TAO HARBOR AND PORT COMPLEX.

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KEY TO FACILITIES

| Item | Function | Dimensions (ft) | Roof Type |
|------|------------------------------|-----------------|--------------------|
| 1 | POL pier north side | 1,300 | |
| | south side | 3,200 | |
| 2 | Pier north side | 680 | |
| | south side | 380 | |
| 3 | Quay | 880 | |
| 4 | Mole | 980 x 420 | |
| 5 | Quay (partially damaged) | 570 | |
| 6 | Mole (only north end usable) | 810 | |
| 7 | Graving dock u/c | 600 x 170 | |
| 8 | Marine railway | 610 x 25 | |
| 8A | Cradle | 110 x 25 | |
| 9 | U/I building | 210 x 140 | Gable |
| 10 | U/I building | 200 x 75 | Gable |
| 11 | U/I building | 190 x 100 | Gable |
| 12 | U/I building | 370 x 95 | Gable |
| 13 | U/I building | 320 x 95 | Gable |
| 14 | U/I building | 390 x 320 | Flat with monitors |
| 15 | Double bay u/c | 570 x 220 | Flat |
| 16 | U/I building | 255 x 60 | Flat/monitor |
| 17 | U/I building | 250 x 60 | Gable |
| 18 | U/I building | 225 x 30 | Gable |
| 19 | U/I building | 150 x 45 | Gable |
| 20 | Heat processing | 115 x 40 | Gable |
| 21 | Heat processing | 210 x 75 | Flat with monitors |
| 22 | U/I building | 150 x 45 | Gable |
| 23 | U/I building | 210 x 80 | Flat with monitor |
| 24 | Probable steamplant | 250 x 100 | Flat with monitor |
| 25 | Probable storage | 150 x 75 | Sawtooth |
| 26 | Probable storage | 150 x 75 | Sawtooth |
| 27 | Probable storage | 150 x 75 | Sawtooth |
| 28 | Storage (9) | 150 x 30 each | Gable |
| 29 | Vehicle maintenance | 210 x 70 | Gable |
| 30 | Vehicle maintenance | 140 x 40 | Gable |
| 31 | POL tanks (2) | 130 (diameter) | |
| 32 | POL tank | 155 (diameter) | |

FIGURE 2. HU-LU TAO HARBOR AND PORT COMPLEX.

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[redacted] was the placement of some vertical wall members of a possible new building at the probable steamplant. Work on the graving dock has continued with minor amounts of material removed on the north wall of the basin. Some vehicular movement is discernible indicating activity; however, buildings that were under construction on both missions show no changes. The northern mole has not been repaired, and no steam or fuel is visible at the probable steam plant. The POL tanks appear to be in a state of disrepair; however,

one does appear to be filled with water.

Numerous areas of open storage containing possible building material are dispersed throughout the area. A vehicle maintenance park is located northwest of the port facilities. No definite function can be assigned to some buildings as the area has not been completed and a flow pattern for possible ship repair/construction cannot be distinguished. No missile or missile-related activity or evidence of a harbor improvement program can be identified.

REFERENCES

PHOTOGRAPHY

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25X1C

MAPS AND CHARTS

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DOCUMENTS

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REQUIREMENT

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NPIC PROJECT

12037/64 (partial answer)

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